

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

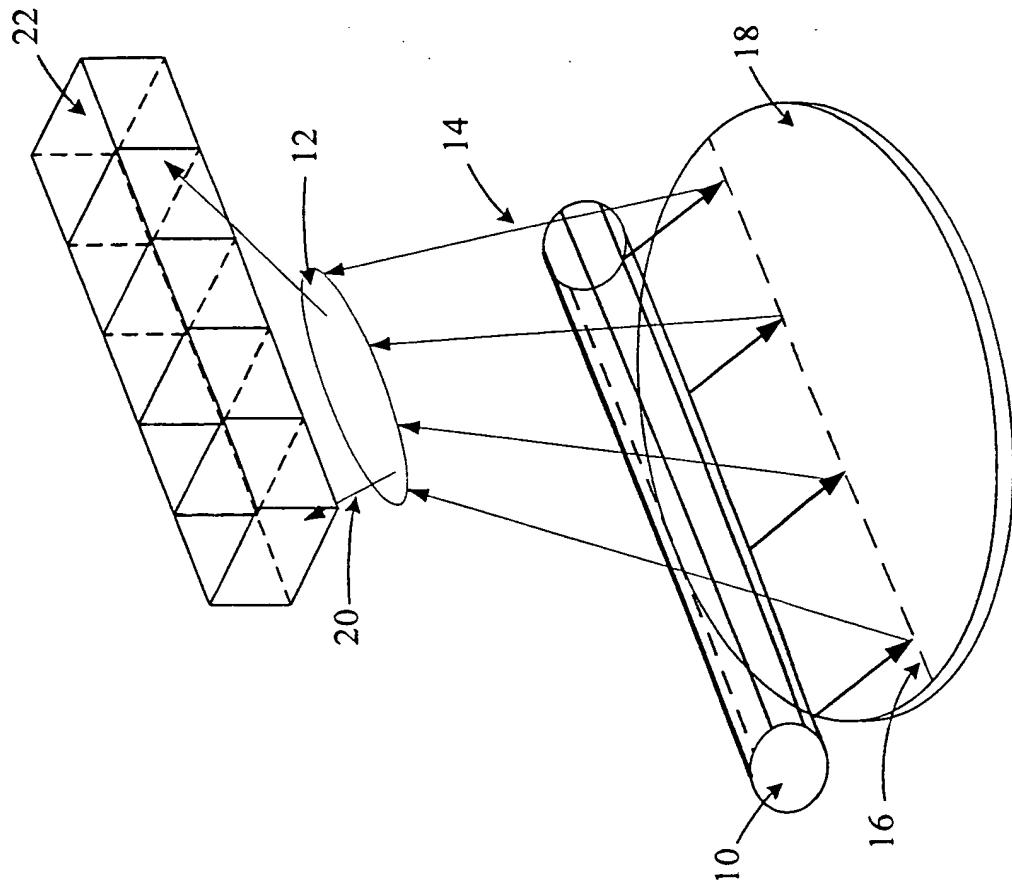
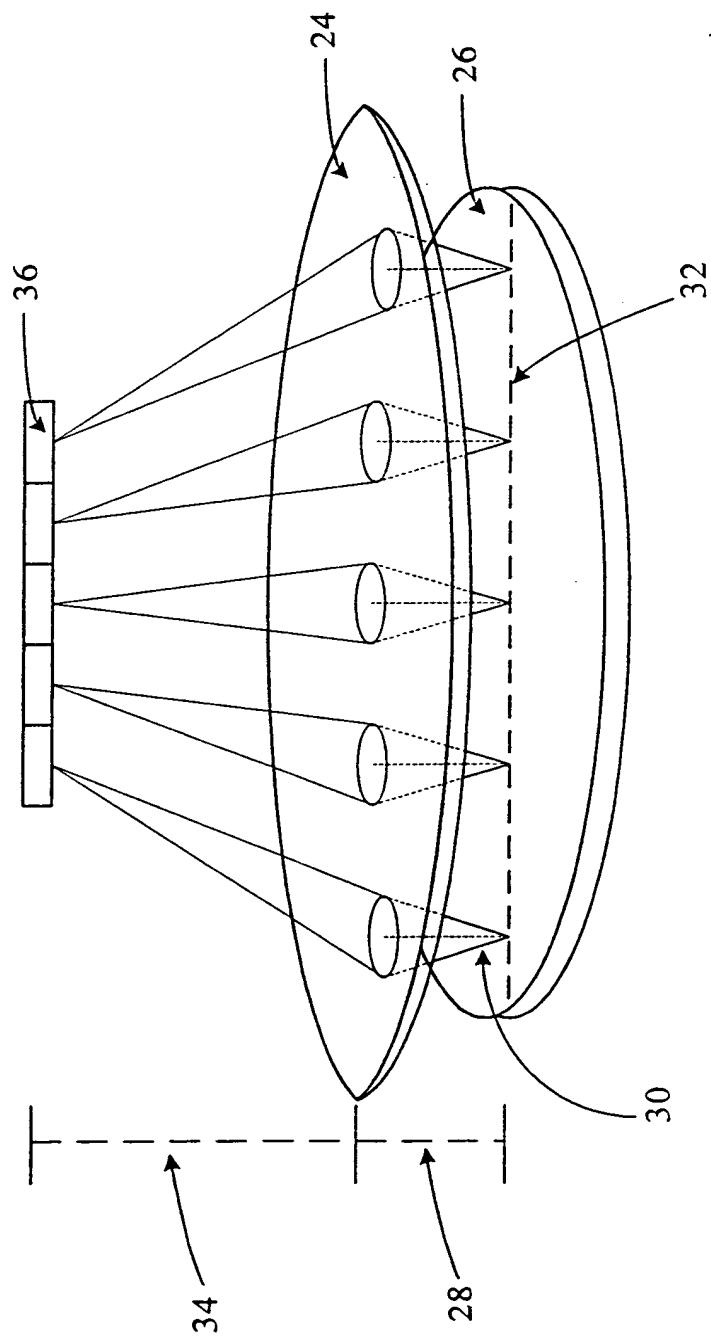


Fig. 1  
(Related Art)

Fig. 2  
(Related Art)



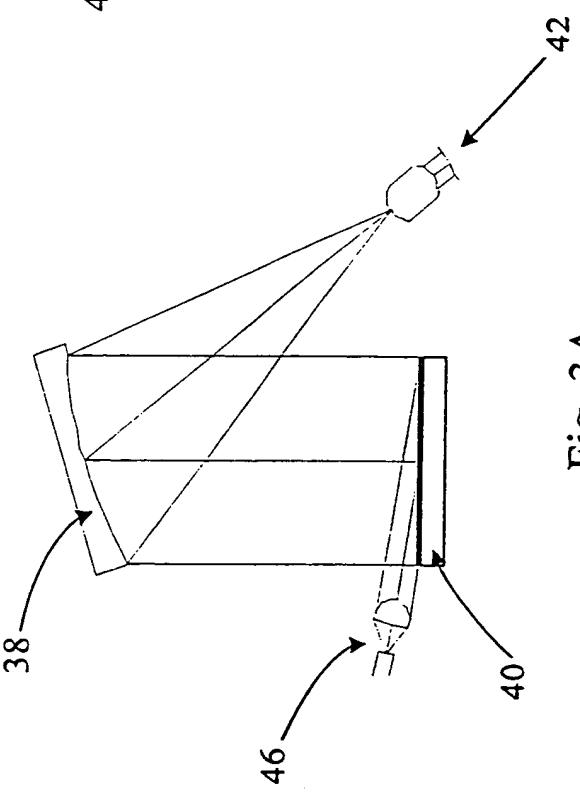


Fig. 3A  
(Related Art)

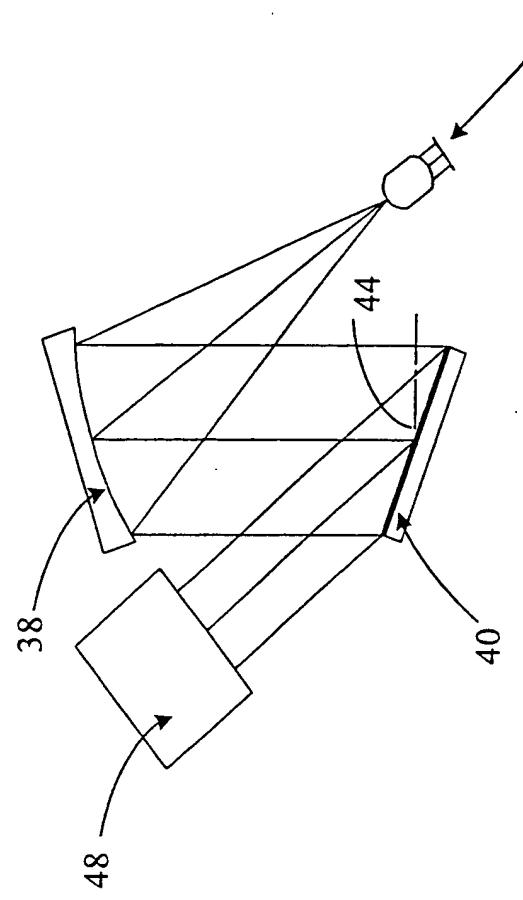


Fig. 3B  
(Related Art)

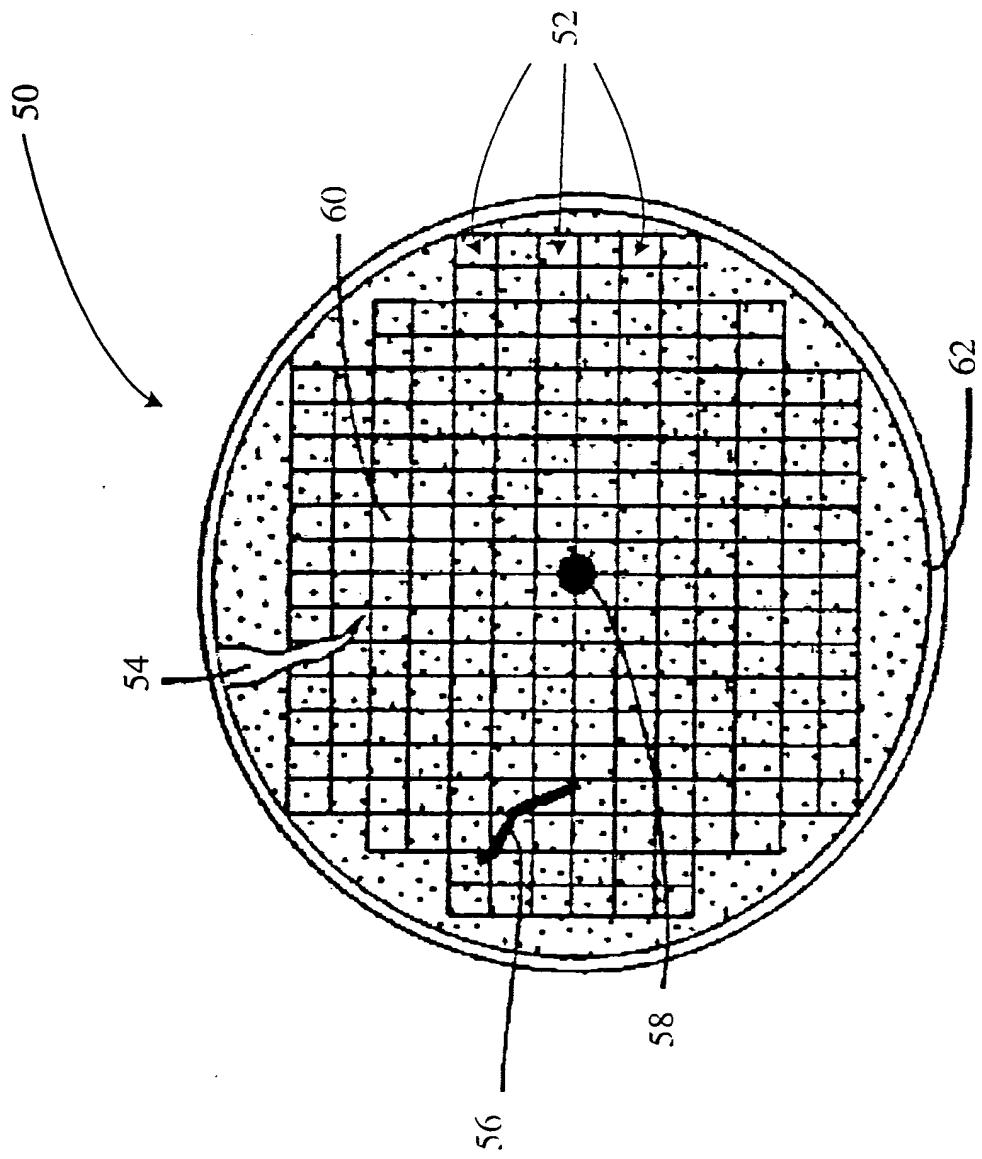


Fig. 4

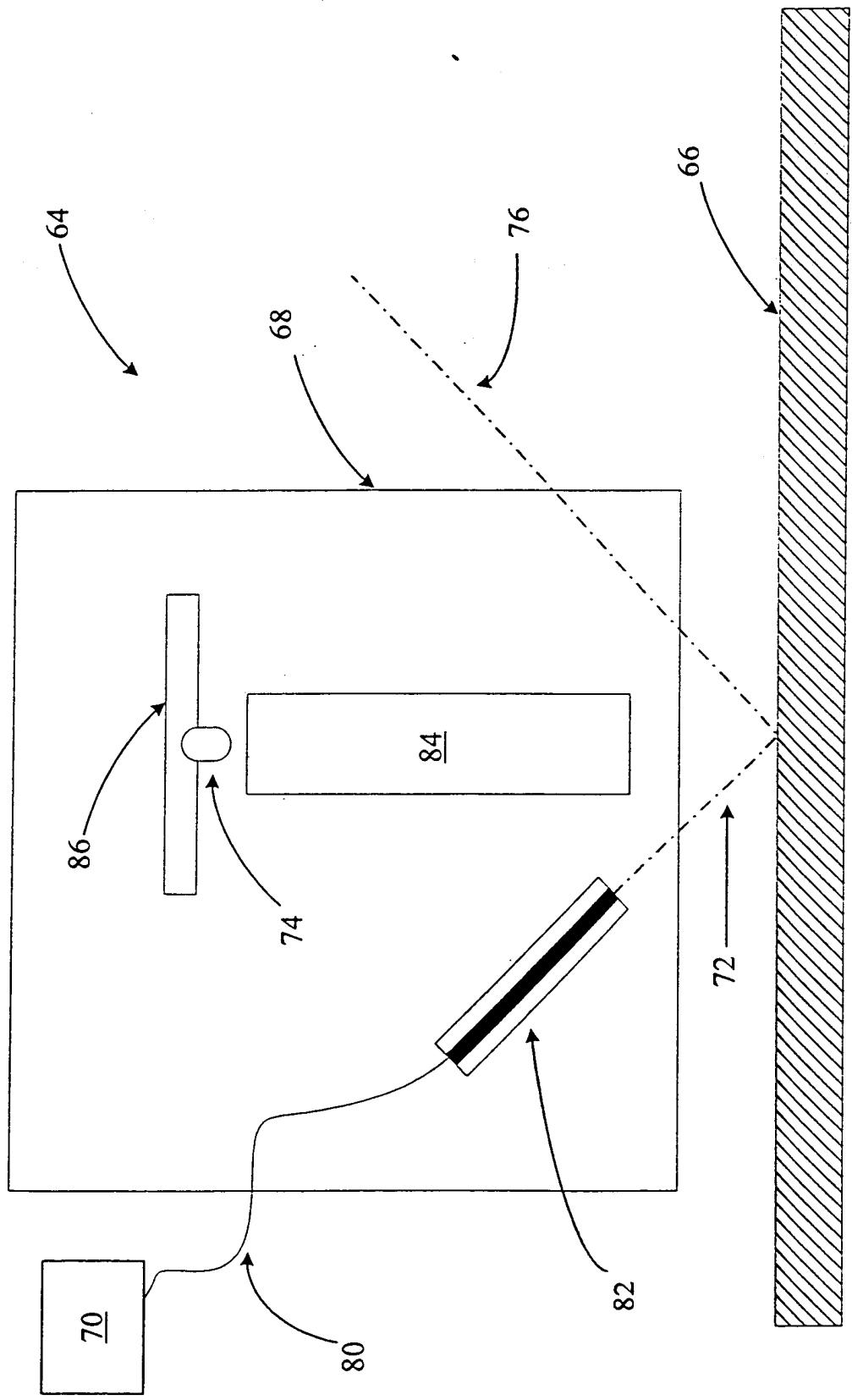


Fig. 5

Fig. 6

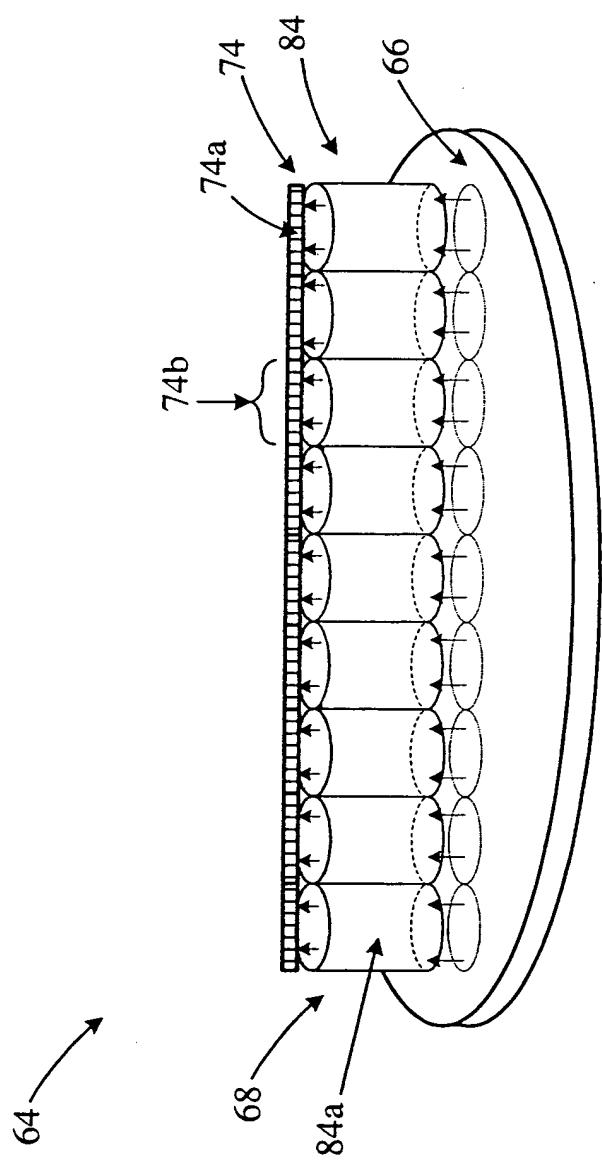
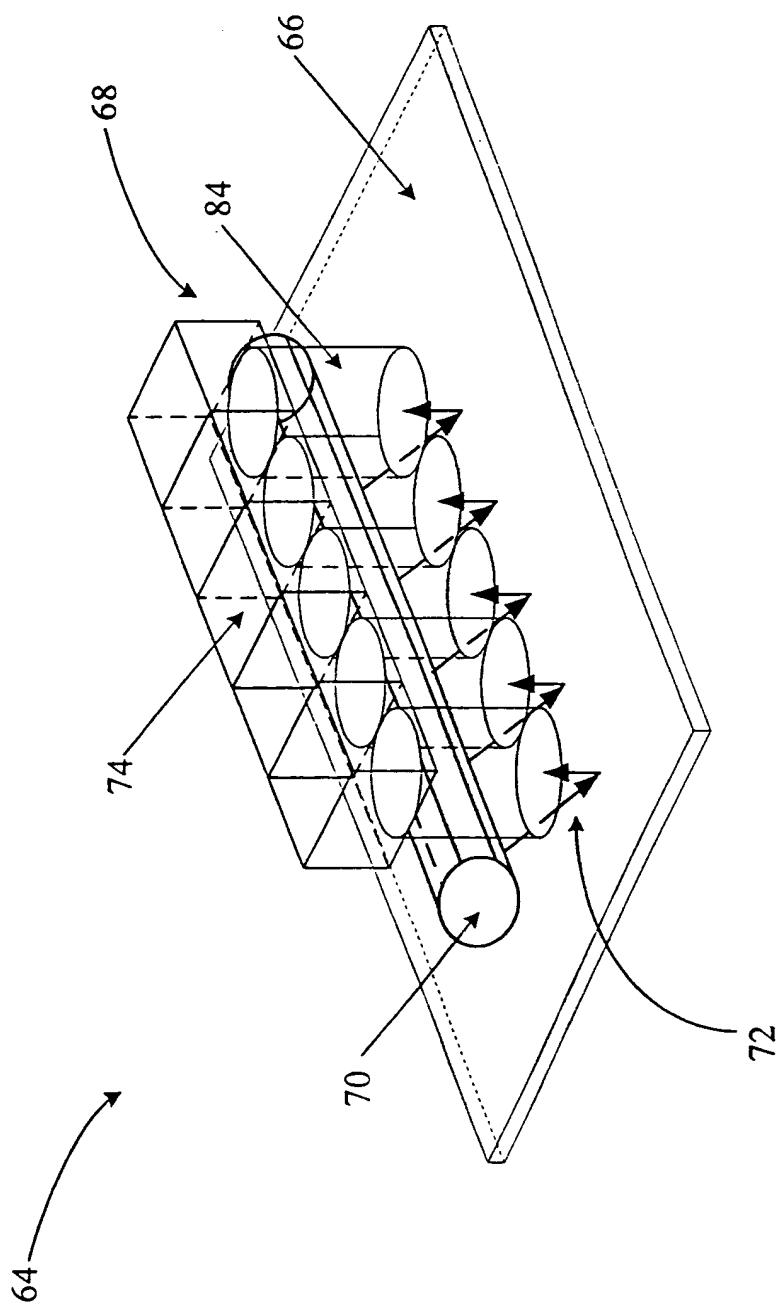


Fig. 7



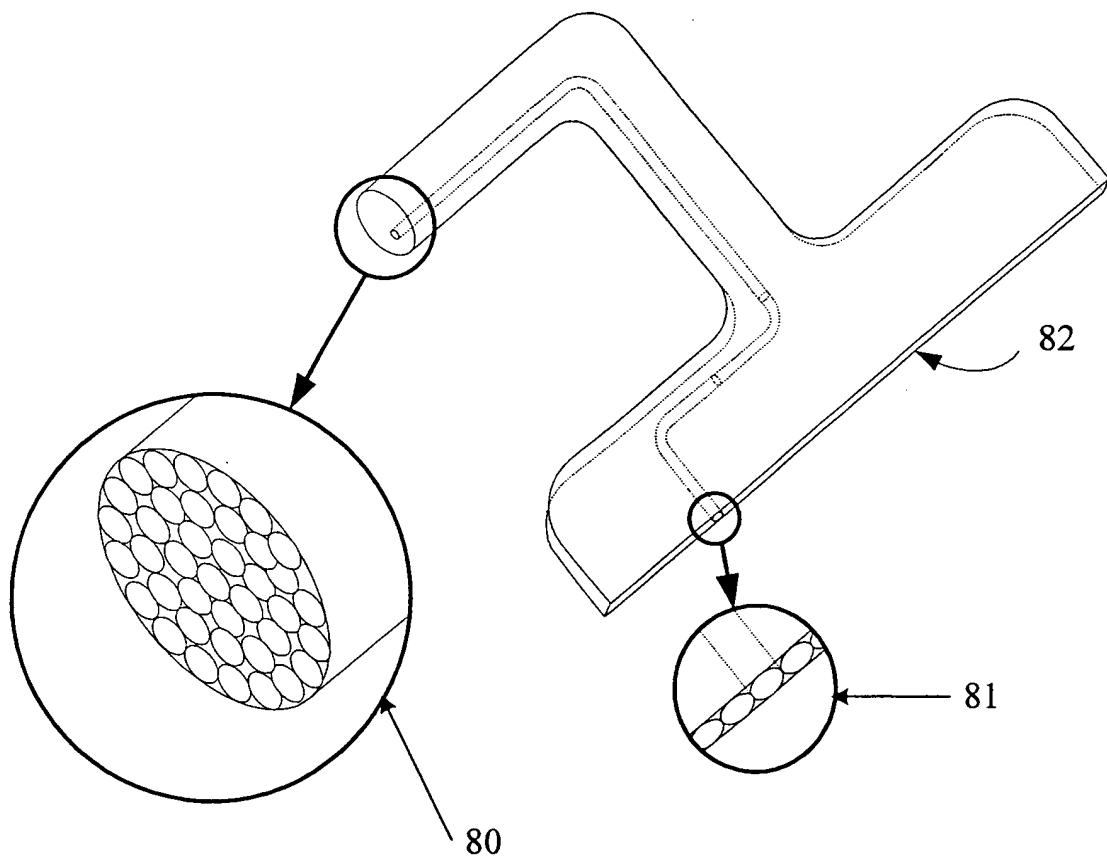


Fig. 7a

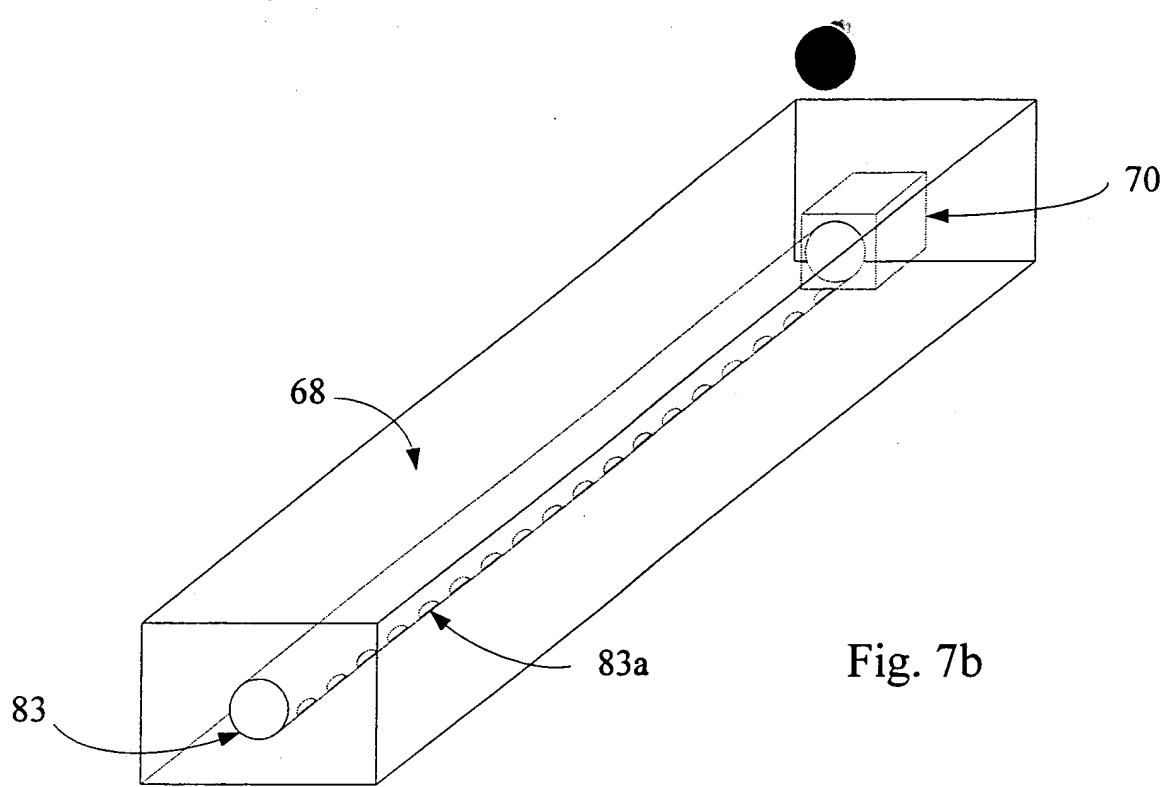


Fig. 7b

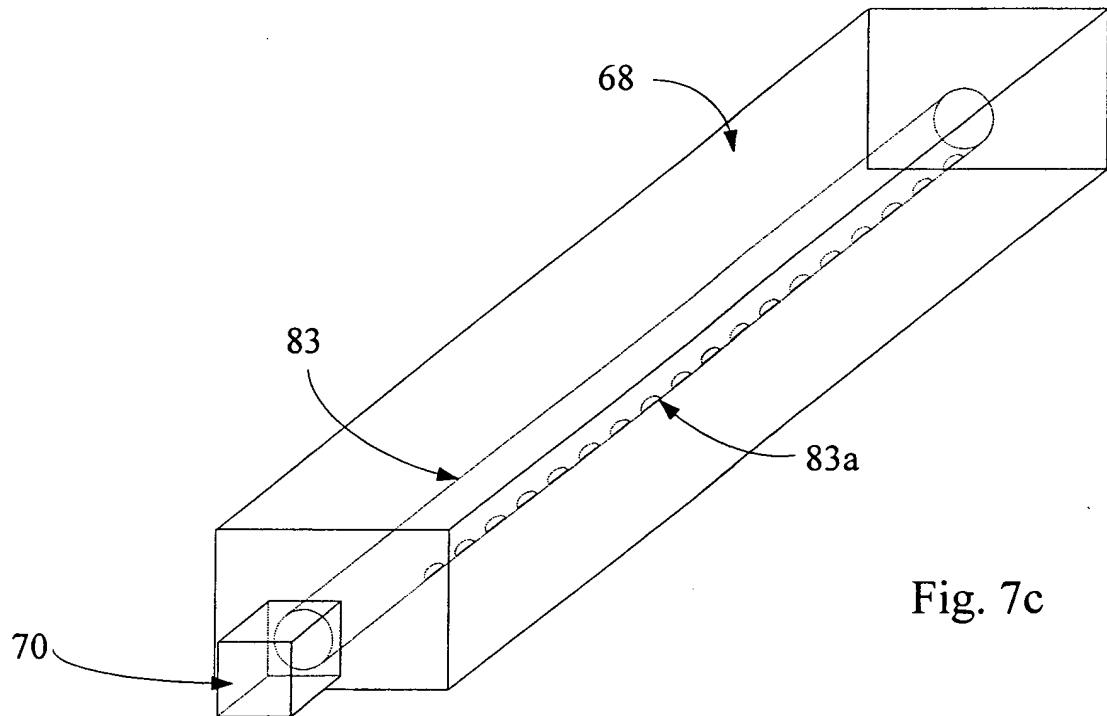


Fig. 7c

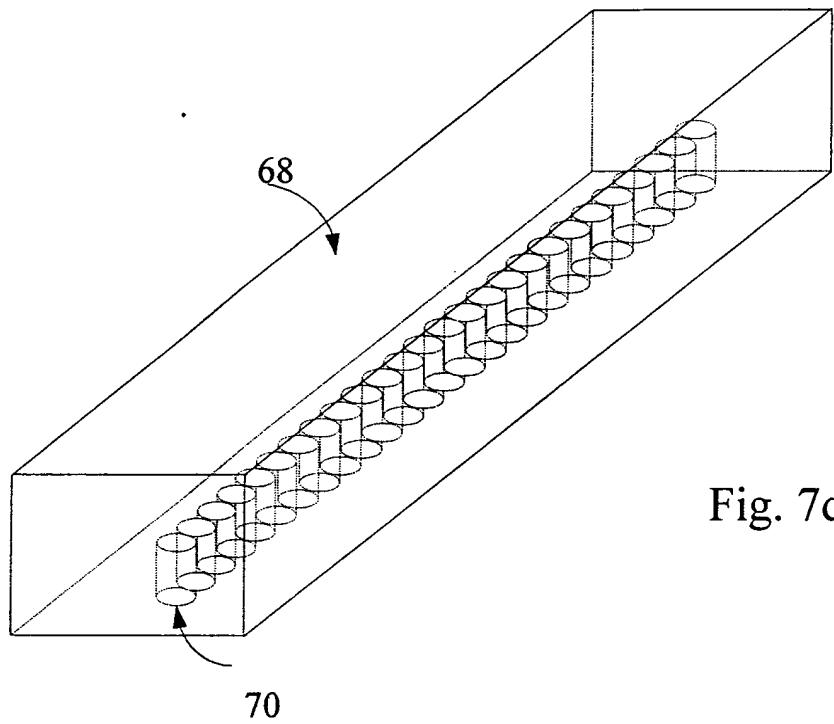


Fig. 7d

70

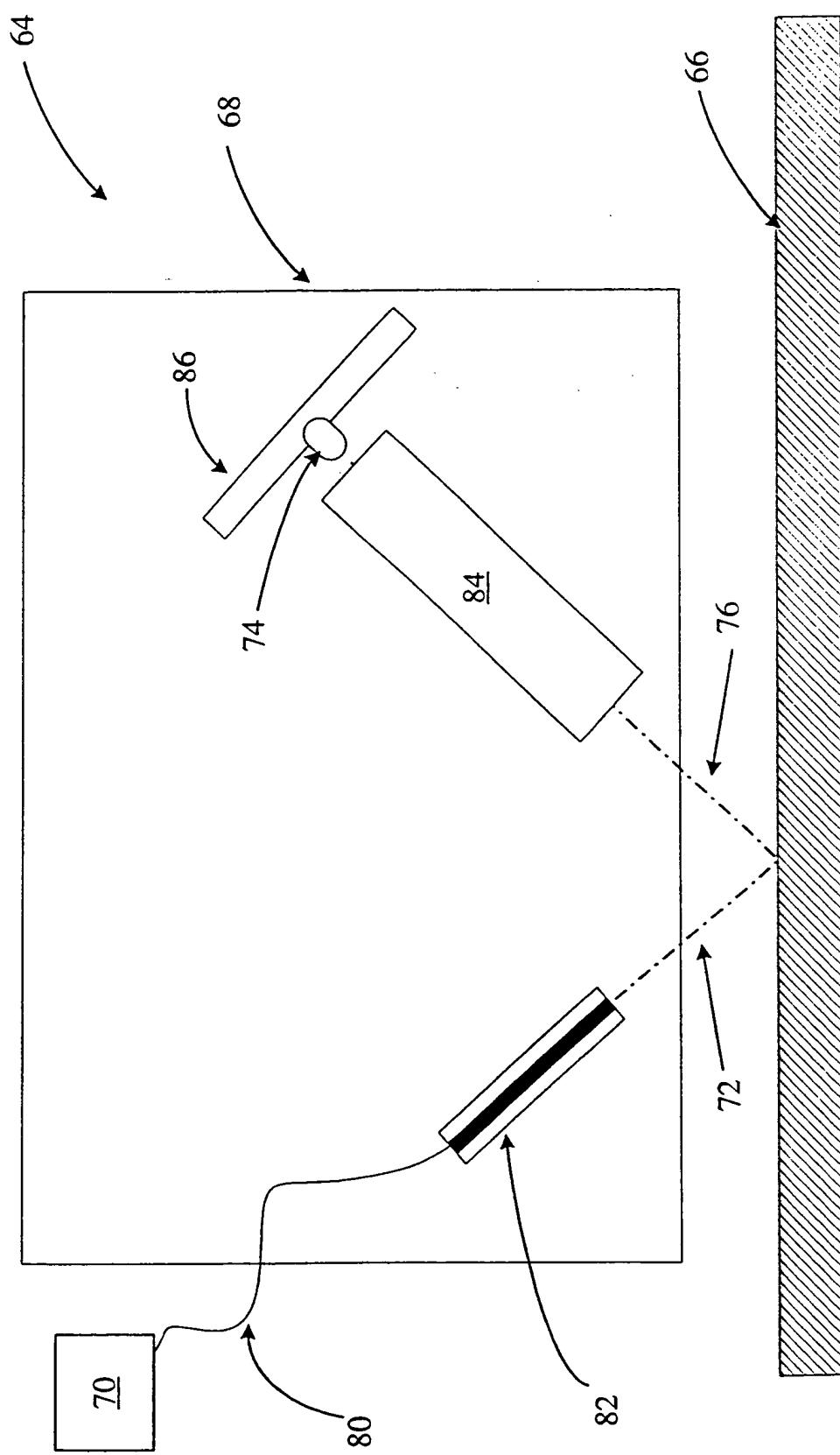


Fig. 8

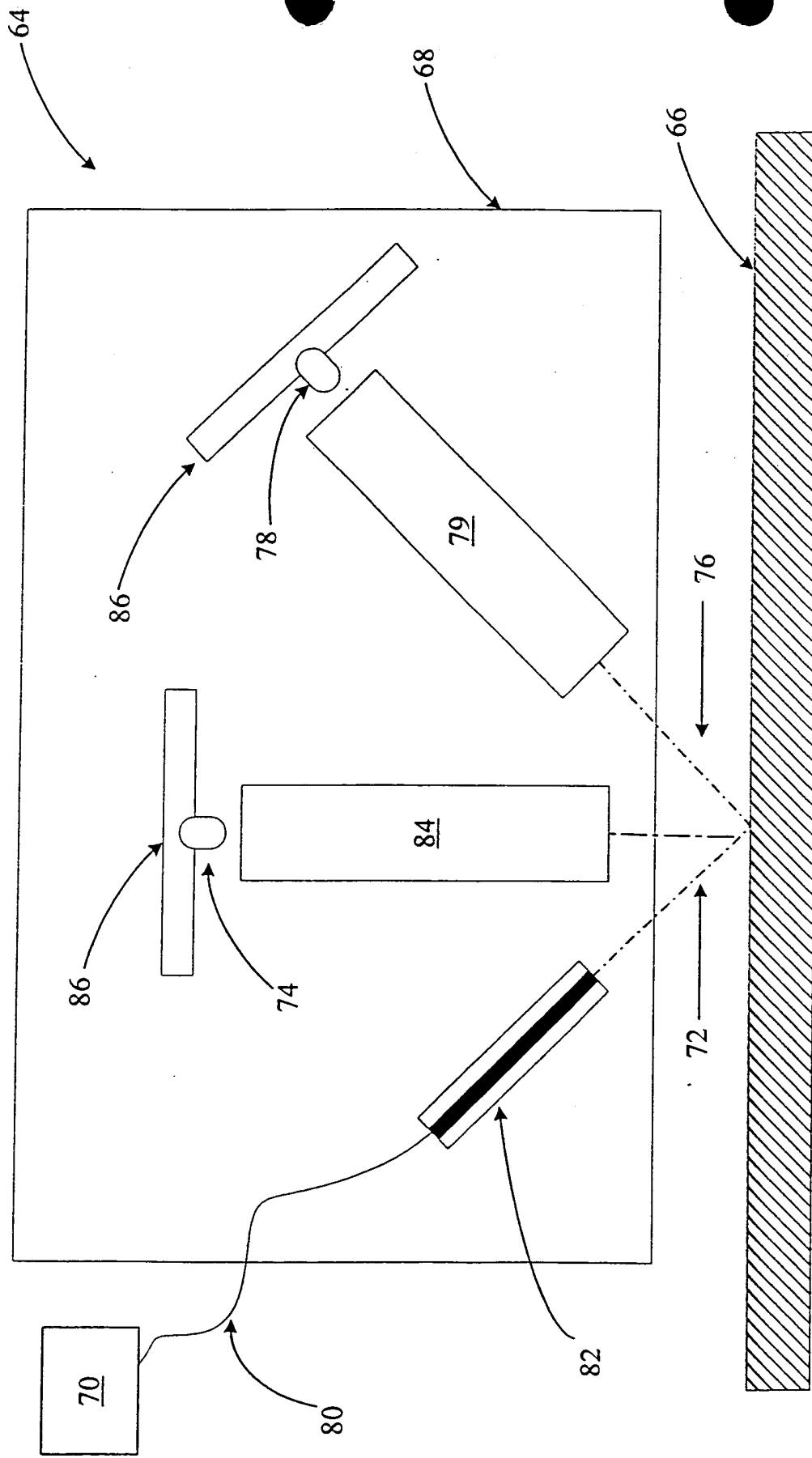


Fig. 9

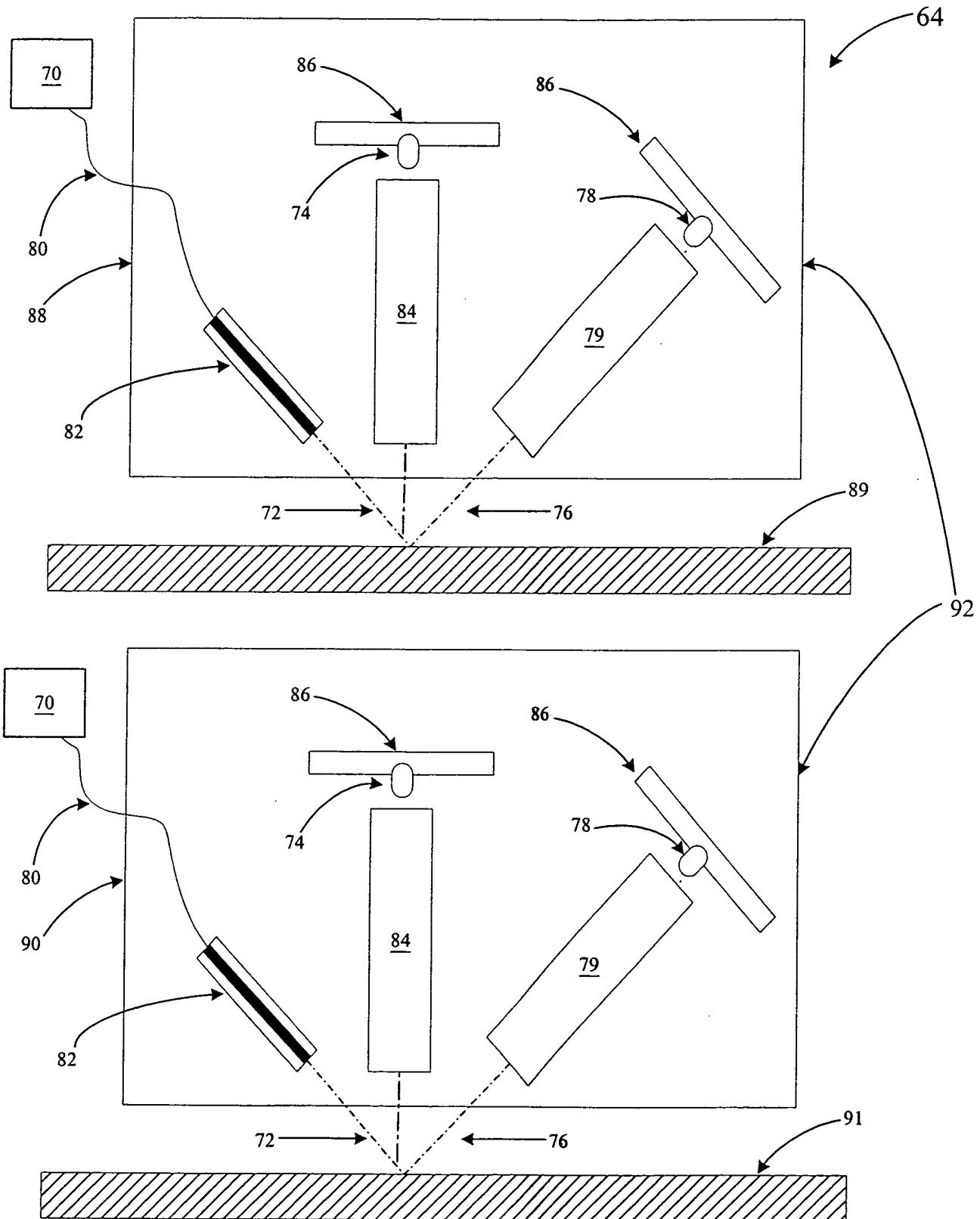


Fig. 10

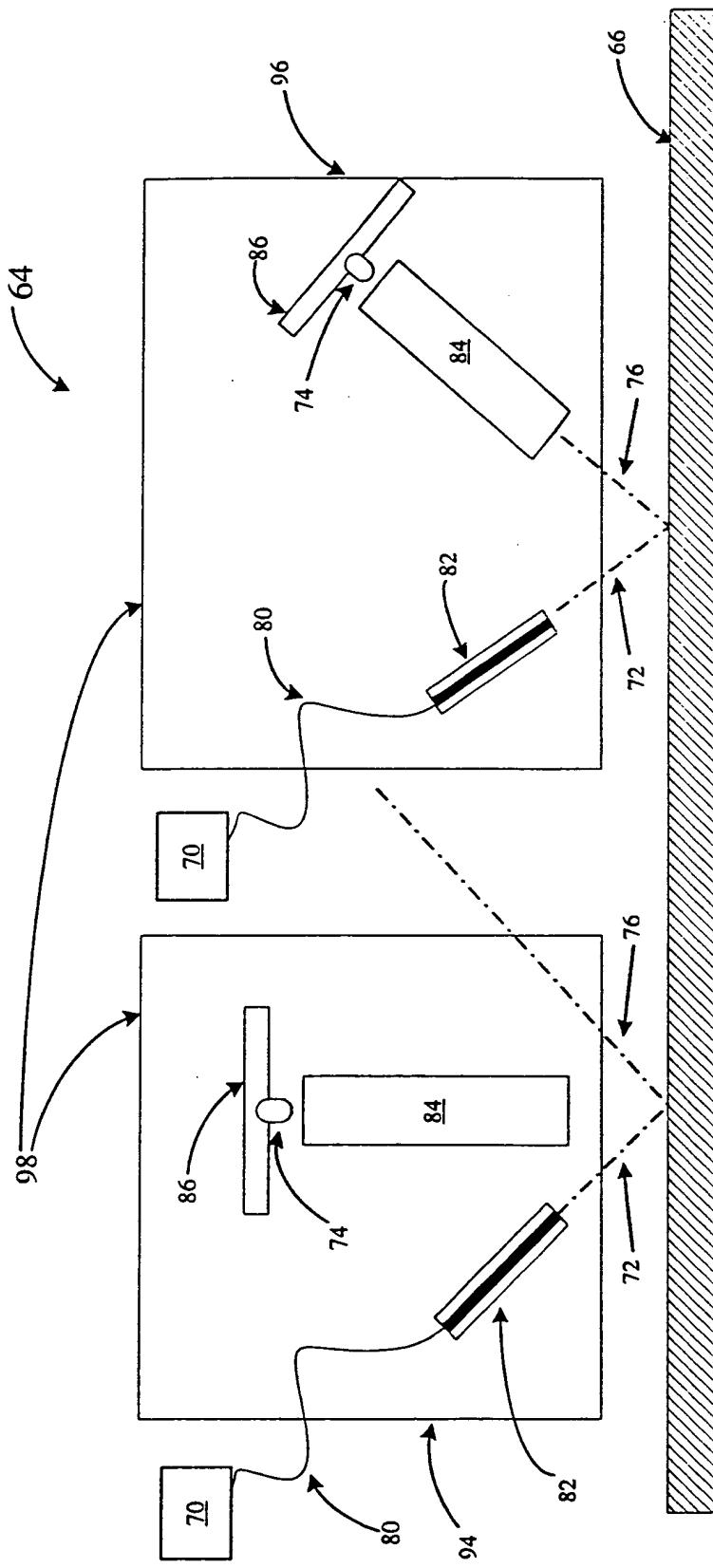


Fig. 11

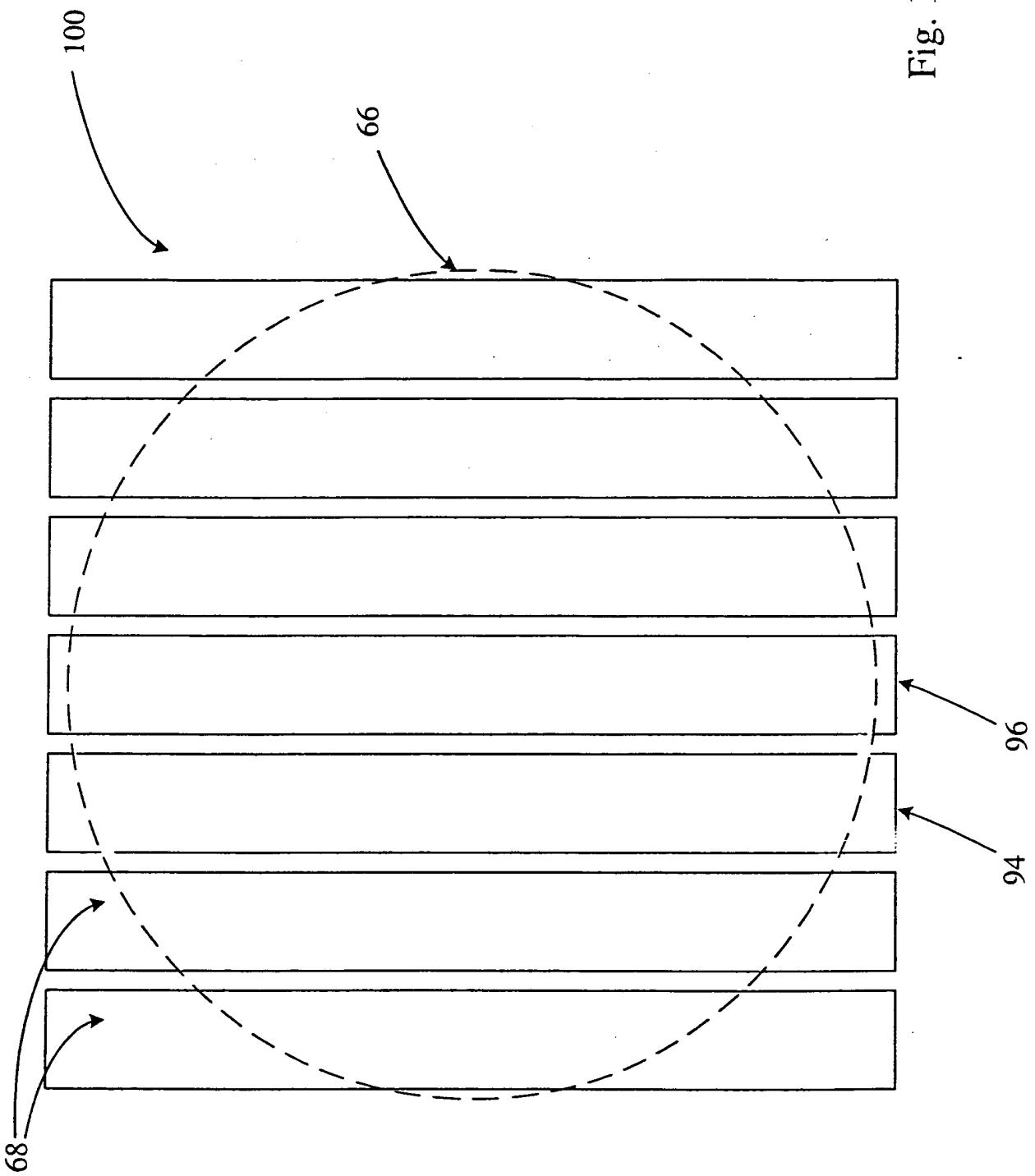
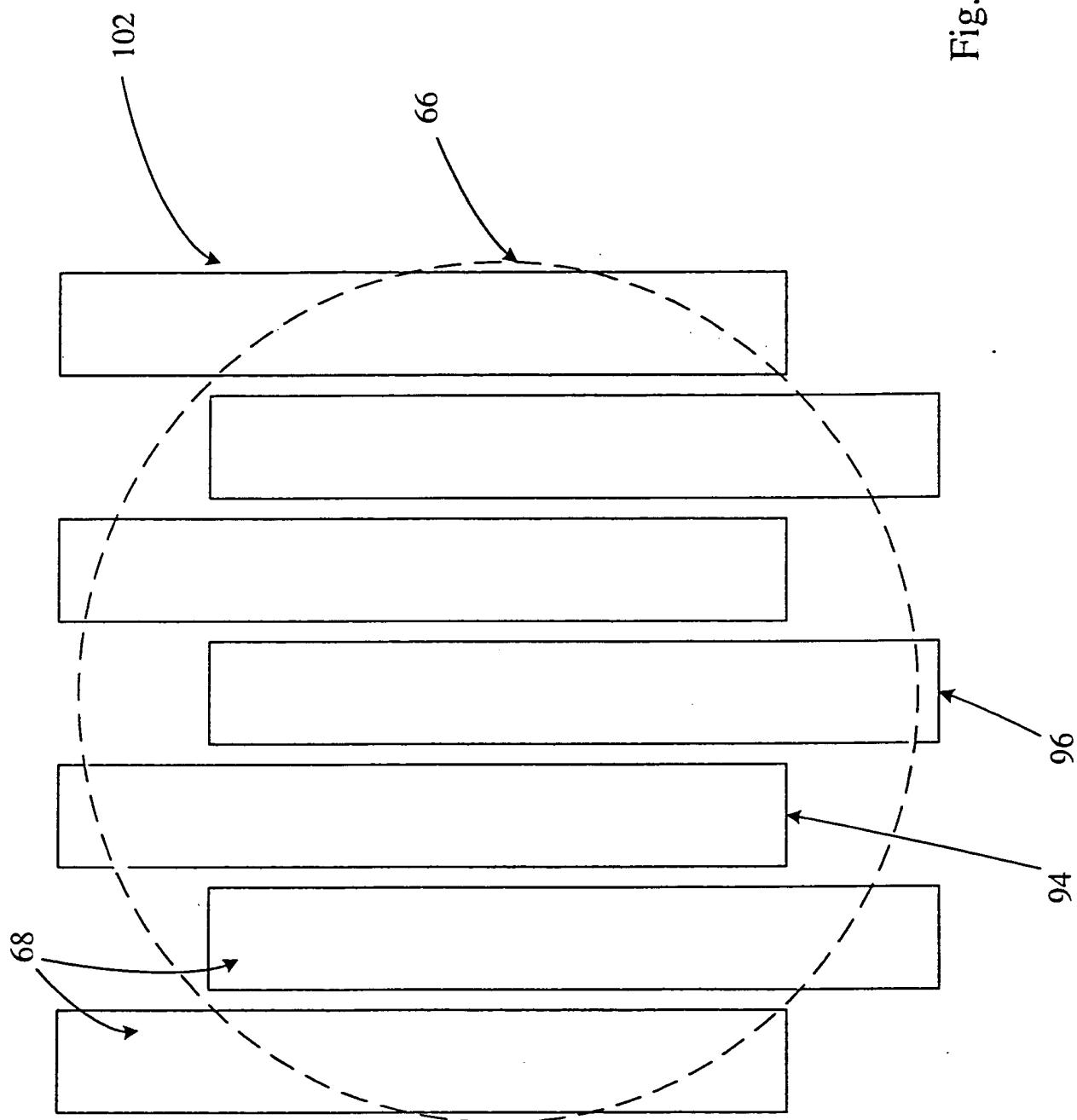


Fig. 12

Fig. 13



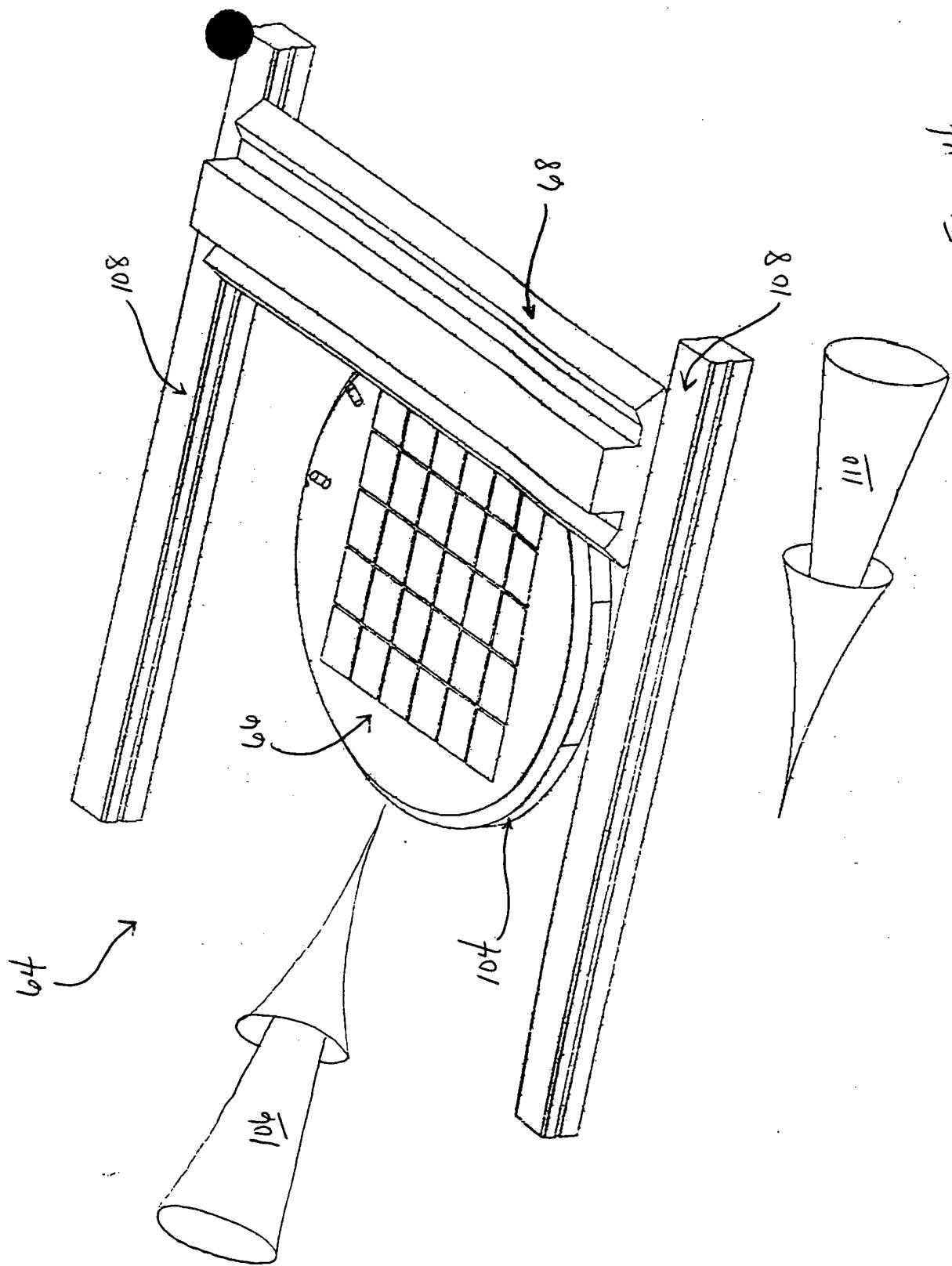
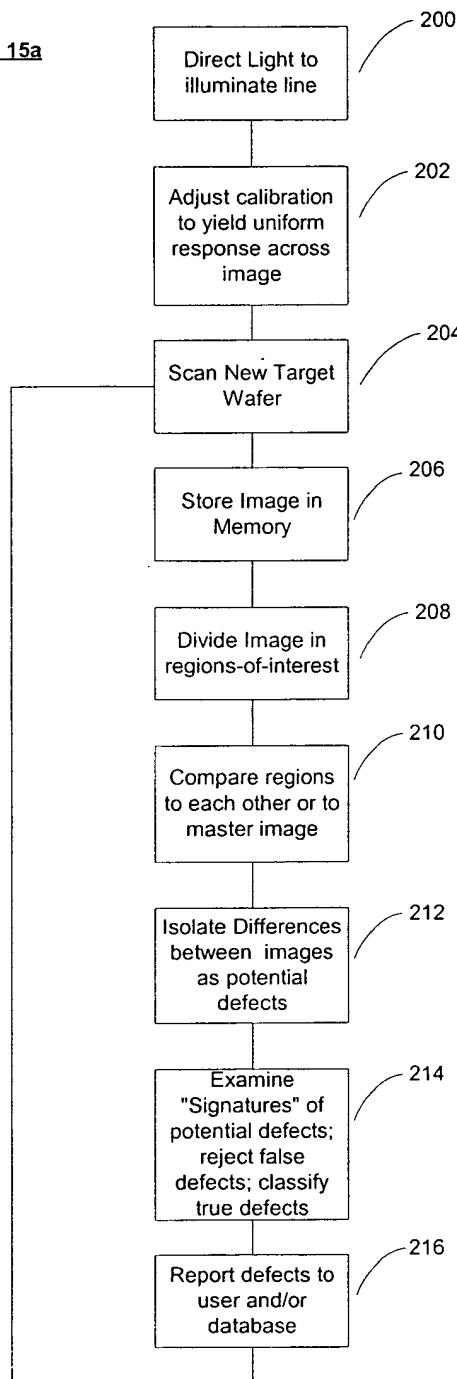


Fig. 14

**FIGURE 15a**

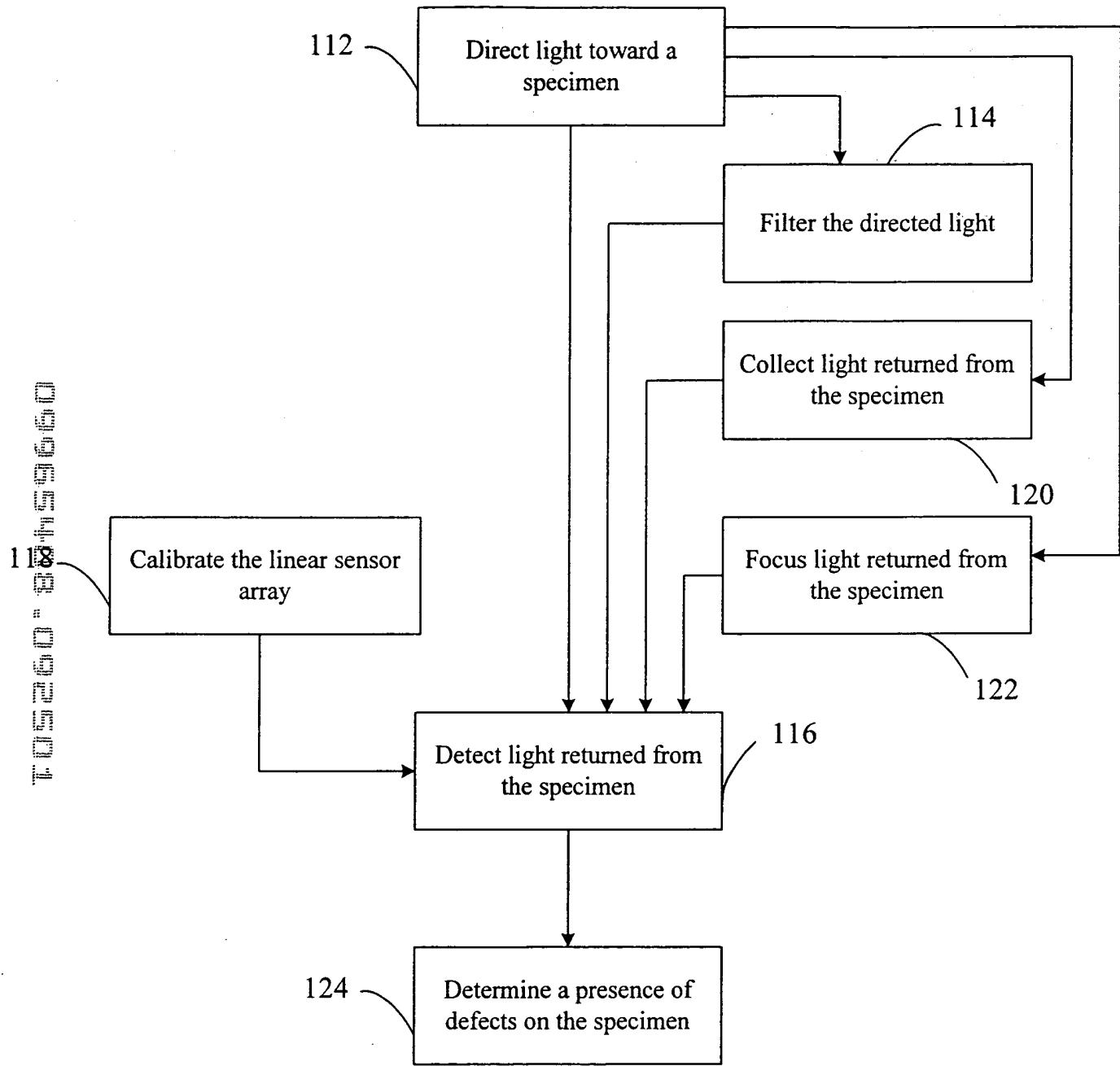


Fig. 15b

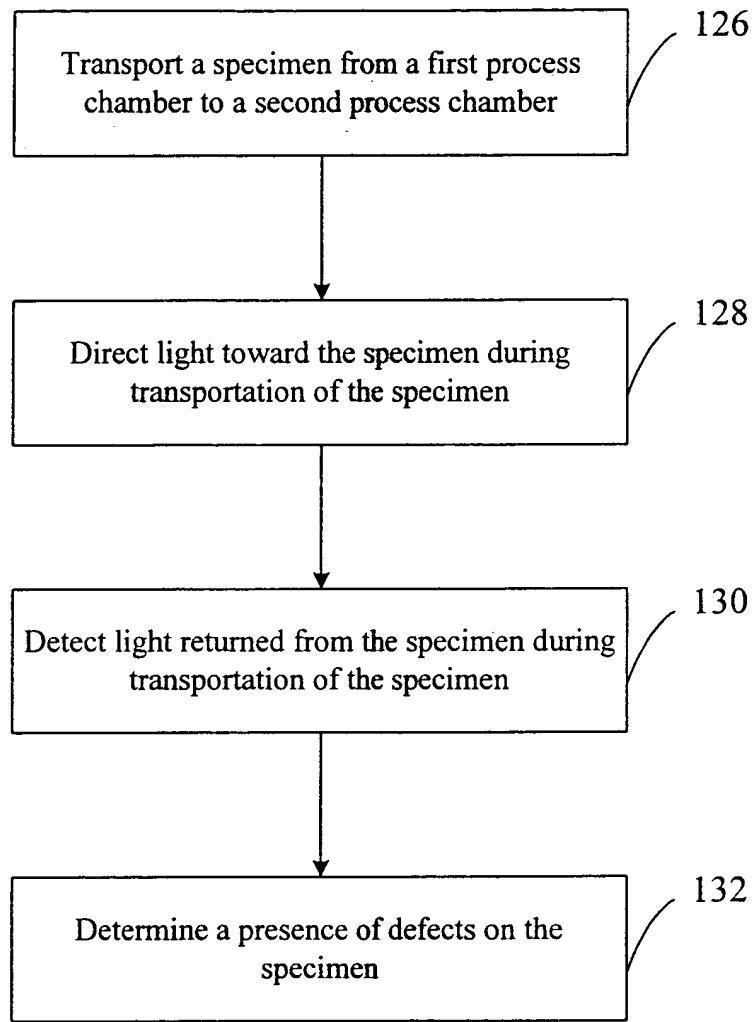


Fig. 16

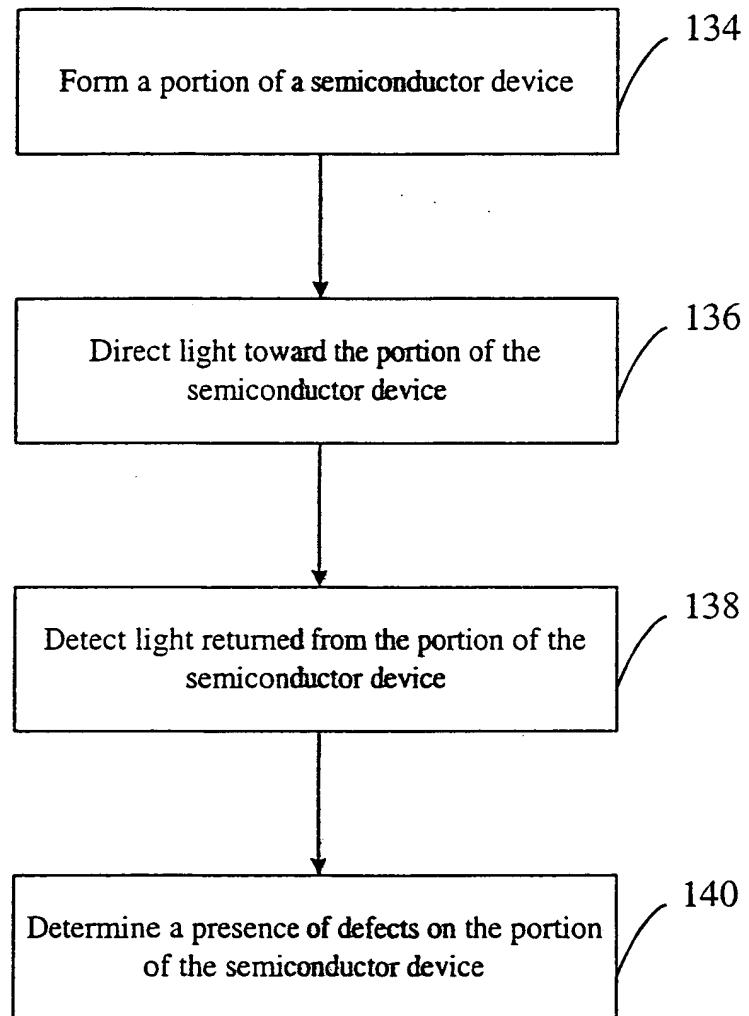


Fig. 17

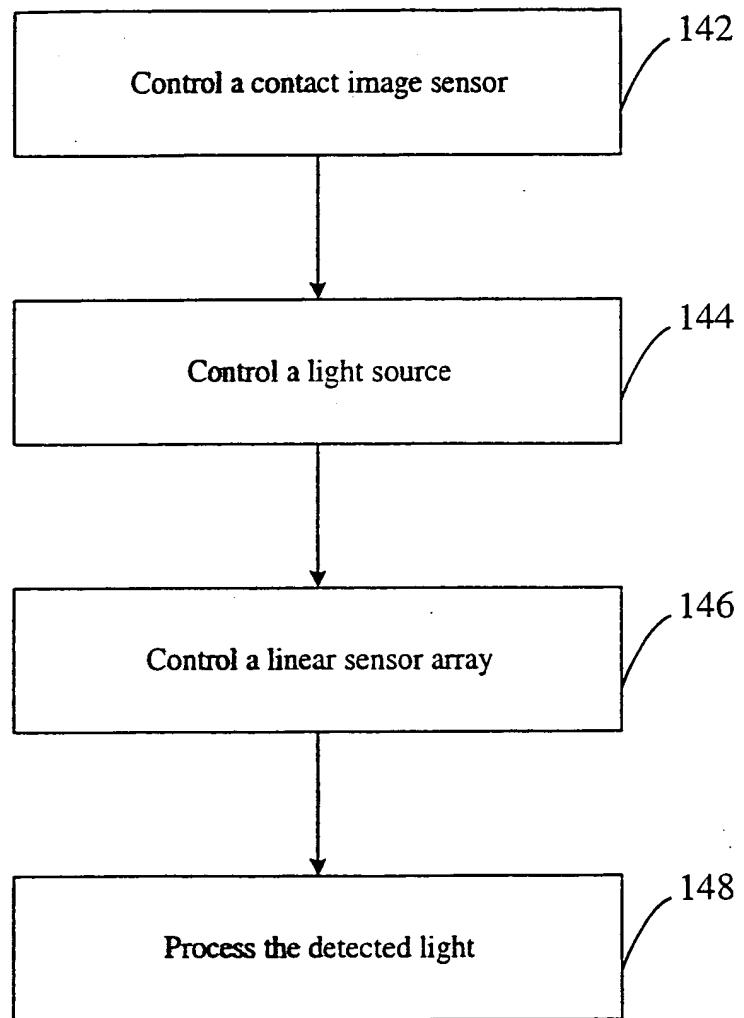
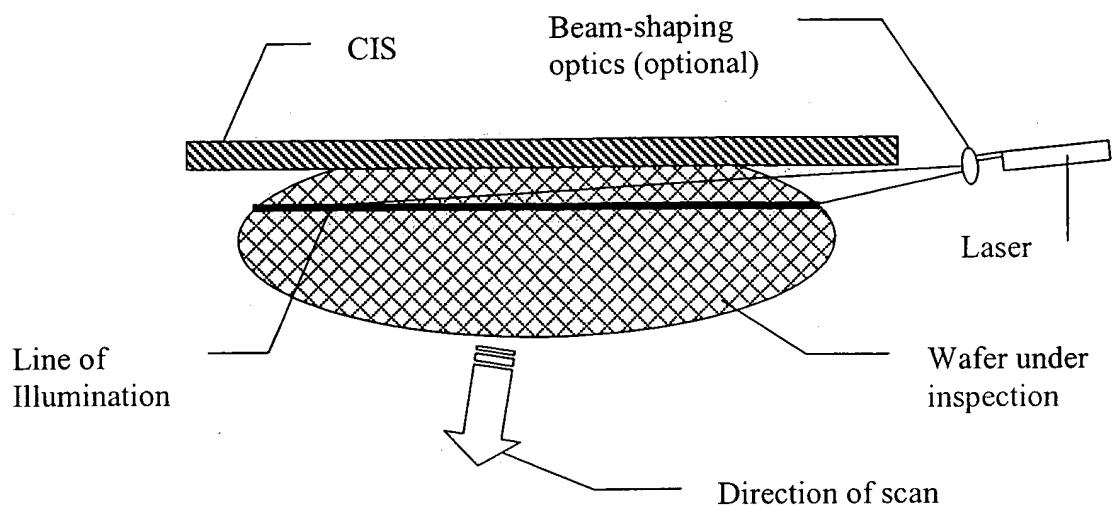


Fig. 18



**FIGURE 19**